



# Sound Judgment

"Spray-Acoustic creates ideal hearing conditions in talking picture theatres. What we notice particularly is the naturalness of the tone in all parts of the theatre."



"Spray-Acoustic, by reducing the racket and din of the busy banking room, pays dividends in increased efficiency of personnel. Your treatment has worked wonders in our bank. The machine noises have been quieted and we all feel fresher at the end of the day."



"A quiet atmosphere in the dining room or restaurant satisfies the discriminating person. Easy conversation in our dining room is now possible because your Spray-Acoustic treatment has eliminated the disturbing room noises."



"Effective instruction in schools is possible only under proper acoustical conditions, which are assured with Spray-Acoustic."

The SPRAY-ACOUSTIC process is, as its name implies, a sprayed-on application of material that deadens and absorbs sound. This process fabricates and applies, in one single, efficient, economical operation, a blanket of light, fibrous, cellular covering—in any required thickness such as  $\frac{3}{4}$ ", 1" or  $1\frac{1}{4}$ ".

The process consists of shooting incombustible fibrous materials from a specially designed air gun. From the same gun comes an atomized adhesive which mixes with the incombustible fibrous materials, as the mixture leaves the air gun.

The adhesive primes the surface being treated and coats the fibres as they leave the air-gun nozzle. This action causes the fibres to build up in a homogeneous, light-weight, cellular blanket.

Thousands of Spray-Acoustic installations, in all types of acoustical jobs, in various sections of the United States, attest the uniformly satisfactory results coming from its application.

Ease and Quiet with  
pray-Acoustic



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# Spray -

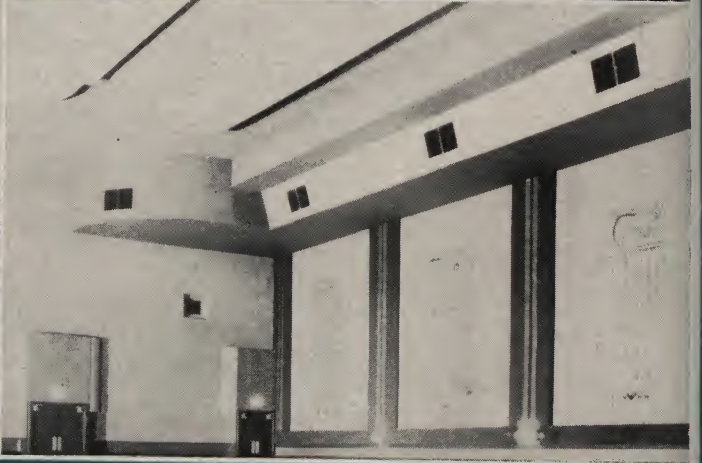
THE IDEAL ACOUSTICAL CORRECTION  
*The Modern Acoustical Treatment*



ACOUSTICAL correction is especially desirable, and in many instances quite necessary, wherever the human voice, music or other sound must be transmitted clearly, distinctly and evenly to an audience. This is true of auditoriums, halls, churches, theatres, schools, dining rooms, etc.

Absorption or deadening of sound is also required where noise creates a disturbance or results in making employes nervous and inefficient. Such noise can come from the outside or be created inside. In either case it should be eliminated. Included in this group are offices, shops, factories, etc. Spray-Acoustic applied in such locations insures

## TYPICAL SPRAY-ACOUSTIC INSTALLATIONS.....





# Acoustic

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ABSORBS SOUND LIKE A SPONGE ABSORBS WATER

*The Modern Way to Apply It*

quiet surroundings, improves quality and increases output.

Spray-Acoustic can be applied directly on any dry, clean, permanent, rigid surface such as masonry, concrete, plaster, gypsum board,  $\frac{3}{4}$ " or thicker and high-rib metal lath 8" on center.

Spray-Acoustic is manufactured and applied in one operation. The process, application equipment and finished sound-deadening mat are fully protected by domestic and foreign patents. It is applied on a lump-sum contract basis, including labor and material, by authorized applicators.



## .....PROOF OF ITS SOUND-DEADENING QUALITIES





# SPRAY-ACOUSTIC

## SPRAY-ACOUSTIC SOUND TREATMENT

**MADE OF MINERAL FIBRE.** Spray-Acoustic is composed of 100% mineral fibres and a special Spray-Acoustic atomized adhesive.

**GUN APPLIED**—Spray-Acoustic is gun applied by the Sprayo-Flake Process (patented) to any surface in any required thickness and surface pigmentation, by specially trained applicators.

**APPEARANCE**—There are no holes, seams or joints in gun-applied Spray-Acoustic. The finished surface is travertine textured, natural or tamped.

**INCOMBUSTIBLE**—Spray-Acoustic consists of 100% incombustible mineral fibres, a special Spray-Acoustic adhesive and a colorless or pigmented surface coating.

**NO CUTTING OR FITTING**—Spray-Acoustic is a continuous

blanket that requires no cutting or fitting.

**CAN BE REDECORATED**—Spray-Acoustic can be redecorated many times with our Spray-Cote Pigmented Surface Coating, with a minimum loss of sound absorbing efficiency.

### LIGHT REFLECTION COEFFICIENTS

TYPE X—TAMPED SURFACE	Reflection Factor
Smooth Travertine Texture—Unpainted	.486
Smooth Travertine Texture Painted White Casein	.736
Coarse Travertine Texture—Unpainted	.474
Coarse Travertine Texture Painted White Casein	.784

### SOUND ABSORPTION COEFFICIENTS (Bureau of Standards)

TYPE X— APPLIED TO RIBBED METAL LATH							
Finish	Thickness Inches	Coefficients					Noise Red. Coeff.
		128	256	512	1024	2048	
Natural Color Surface	½"	.59	.87	.85	.88	.94	.90
Sprayed 4 Coats Spray-Cote	½"	.65	.79	.80	.70	.83	.80

TYPE X—APPLIED TO PLASTER OR OTHER RIGID BACKING							
Finish	Thickness Inches	Coefficients					Noise Red. Coeff.
		128	256	512	1024	2048	
Tamped Surface Natural Off-White Color	¾"	.12	.41	.71	.74	.77	.65
Tamped Surface Natural Off-White Color	1 ¼"	.18	.52	.95	.93	.91	.85
Sprayed 3 Coats Spray-Cote	1 ¼"	.15	.47	.88	.92	.87	.80

**WHAT SPRAY-ACOUSTIC DOES** — Spray-Acoustic applied to the walls or ceilings of a room absorbs the excess noise and reduces reverberation to a point where good hearing and quiet are obtained.

**WHY SPRAY-ACOUSTIC SHOULD BE USED**—Compare this efficient sprayed-on acoustical treatment with any other—from all angles—cost, efficiency and appearance. The even seamless surface of Spray-Acoustic can be secured in various colors to meet the decorative effects desired. Spray-Acoustic is an ideal treatment for irregular, curved or barreled surfaces as it requires no expensive cutting or fitting. It is tailor-made for the job.



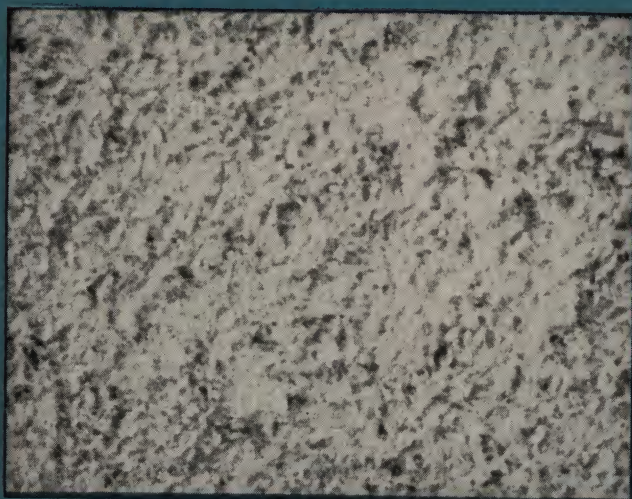
### STANDARD TYPES OF SPRAY-ACOUSTIC

**TYPE X**—A continuous bonded acoustical mat composed of No. 9723 Sprayo-Flake incombustible mineral fibres, with No. 9771 Spray-Acoustic adhesive and surface coating. (See illustration below at left).

**TYPE XR**—A continuous bonded acoustical mat composed of No. 9702 Sprayo-Flake incombustible blended mineral fibres with No. 9771 Spray-Acoustic adhesive and surface coating. (See illustration below at right).

## SPRAYO-FLAKE CO.

2721 Irving Park Road  
CHICAGO 18, ILL.



*Spray-Acoustic Type X Tamped Surface.*



*Spray-Acoustic Type XR Tamped Surface.*

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